What is claimed is:

1.   A communication system utilizing spreading code sequences, the system comprising:

(a) a first generator which outputs a first repetitious code sequence at a first data rate; and

(b) a second generator which outputs a second repetitious code sequence at a second data rate which is higher than the first data rate, wherein the first code sequence is truncated each time the second code sequence is repeated.

2.   The system of claim 1 wherein the second data rate is an integer multiple of the first data rate.

3.   The system of claim 1 wherein the system is a code-division multiple access (CDMA) communication system.

4.   The system of claim 1 further comprising:

(c) a downlink data path in communication with the first generator, the downlink data path having a first bandwidth allocated thereto for sending the first code sequence at the first data rate; and

(d) an uplink data path in communication with the second generator, the uplink data path having a second bandwidth allocated thereto for sending the second code sequence at the second data rate, the second bandwidth being larger than the first bandwidth.

5.   The system of claim 4 wherein the second bandwidth is an integer multiple of the first bandwidth.

6.   A communication system utilizing spreading code sequences, the system comprising:

(a) a first generator which outputs a first repetitious code sequence at a first data rate; and

(b) a second generator which outputs a second repetitious code sequence at a

second data rate which is lower than the first data rate, wherein the second code sequence is truncated each time the first code sequence is repeated.

7.   The system of claim 6 wherein the first data rate is an integer multiple of the second data rate.

8.   The system of claim 6 wherein the system is a code-division multiple access (CDMA) communication system.

9.   The system of claim 5 further comprising:

(c) a downlink data path in communication with the first generator, the downlink data path having a first bandwidth allocated thereto for sending the first code sequence at the first data rate; and

(d) an uplink data path in communication with the second generator, the uplink data path having a second bandwidth allocated thereto for sending the second code sequence at the second data rate, the first bandwidth being larger than the second bandwidth.

10.   The system of claim 9 wherein the first bandwidth is an integer multiple of the second bandwidth.

11.   A communication system utilizing spreading code, the system comprising:

(a) a base station;

(b) a subscriber unit in communication with the base station

(c) a first generator which outputs a first repetitious code sequence at a first data rate; and

(d) a second generator which outputs a second repetitious code sequence at a second data rate which is higher than the first data rate, wherein the first code sequence is truncated each time the second sequence is repeated.

12.   The system of claim 11 wherein the second data rate is an integer multiple of the first data rate.

13.   The system of claim 11 wherein the system is a code-division multiple access (CDMA) communication system.

14.   The system of claim 11 further comprising:

(c) a downlink data path in communication with the first generator, the downlink data path having a first bandwidth allocated thereto for sending the first code sequence at the first data rate; and

(d) an uplink data path in communication with the second generator, the uplink data path having a second bandwidth allocated thereto for sending the second code sequence at the second data rate, the second bandwidth being larger than the first bandwidth.

15.   The system of claim 14 wherein the second bandwidth is an integer multiple of the first bandwidth.

16.   A communication system utilizing spreading code, the system comprising:

(a) a base station;

(b) a subscriber unit in communication with the base station

(c) a first generator which outputs a first repetitious code sequence at a first data rate; and

(d) a second generator which outputs a second repetitious code sequence at a second data rate which is lower than the first data rate, wherein the second code sequence is truncated each time the first sequence is repeated.

17.   The system of claim 16 wherein the first data rate is an integer multiple of the second data rate.

18.   The system of claim 16 wherein the system is a code-division multiple access (CDMA) communication system.

19.   The system of claim 16 further comprising:

(c) a downlink data path in communication with the first generator, the downlink data path having a first bandwidth allocated thereto for sending the first code sequence at the first data rate; and

(d) an uplink data path in communication with the second generator, the uplink data path having a second bandwidth allocated thereto for sending the second code sequence at the second data rate, the first bandwidth being larger than the second bandwidth.

20.   The system of claim 19 wherein the first bandwidth is an integer multiple of the second bandwidth.

21.   A communication method utilizing spreading code sequences, the method comprising:

(a) generating a first repetitious code sequence at a first data rate;

(b) generating a second repetitious code sequence at a second data rate which is higher than the first data rate; and

(c) truncating the first code sequence each time the second code sequence is repeated.

22.   The method of claim 21 wherein the second data rate is an integer multiple of the first data rate.

23.   A communication method utilizing spreading code sequences, the method comprising:

(a) generating a first repetitious code sequence at a first data rate;

(b) generating a second repetitious code sequence at a second data rate which

is lower than the first data rate; and

          (c) truncating the second code sequence each time the first code sequence is repeated.

24.   The method of claim 23 wherein the first data rate is an integer multiple of the second data rate.